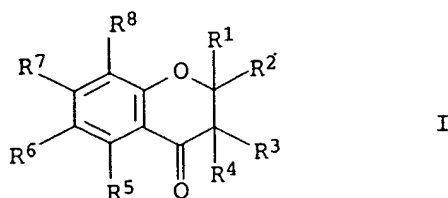
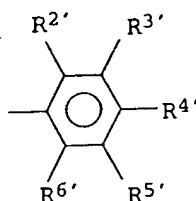


COMPLETE LISTING OF ALL CLAIMS IN THE APPLICATION

1. (currently amended) A composition for inhibiting COX-2 biosynthesis or COX-2- and NF κ B-biosynthesis comprising a therapeutically effective amount of the compound of the formula I



wherein R¹ and R⁴ represent either Hydrogen or together a bond,
R⁵, R⁶, R⁷, R⁸ represent independently of each other Hydrogen, Hydroxy or Methoxy; in addition R⁷ represents a sugar substituent,
R² and R³ represent Hydrogen, Hydroxy, Methoxy or

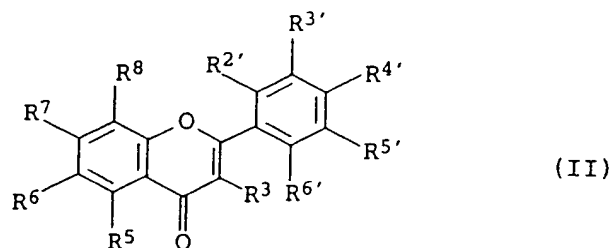


, wherein R^{2'}, R^{3'}, R^{5'}, and R^{6'} are independently or each

other Hydrogen, Hydroxy or Methoxy, wherein R^{4'} is H, flavone, 5-OH-flavone, 7-OH-flavone and 7,8-(OH)₂-flavone, with the proviso, that R² or R³ is represented by the optionally substituted Phenyl-ring and a pharmaceutically acceptable carrier.

2. A composition for inhibiting COX-2 biosynthesis or NF κ B-biosynthesis or NF κ B and COX-2 biosynthesis comprising a therapeutically effective amount of the

compound of formula II.



wherein R³ represents Hydrogen, Hydroxy or Methoxy and R⁵, R⁶, R⁷, R⁸, R², R³', R⁴', R⁵', R⁶' are as given in claim 1 and a pharmaceutical acceptable carrier.

3. (currently amended) A method for inhibiting COX-2 biosynthesis or COX-2 biosynthesis and NF κ B biosynthesis in a patient comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound of claim 1.
4. (currently amended) A method for inhibiting COX-2 biosynthesis or COX-2 biosynthesis and NF κ B biosynthesis in a patient comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound of claim 2.
5. A method for treating inflammation, rheumatoid arthritis, osteoarthritis, comprising administering to a therapeutically effective amount of a compound of claim 1.
6. A method for treating pain, fever, inflammation, rheumatoid arthritis, osteoarthritis, adhesions, cardiovascular diseases, Alzheimer's disease, sepsis, diabetes, comprising administering to a therapeutically effective amount of

compound of claim 2.

7. A method for prevention of inflammation, rheumatoid arthritis, osteoarthritis comprising administering of an effective amount of a compound of claim 2 as an oral composition or as nutrient preparation.
8. Food enriched with a compound of claim 1.
9. Food enriched with a compound of claim 2.
10. Food enriched with flavone.
11. Nutritional substance comprising a compound of claim 2.
12. Nutritional substance comprising flavone.
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A
concluded